

63 [0162] The *tet* gene of plasmid pMLP10 has been inactivated by deletion of the BamHI-SalI fragment, to generate pMLP10ΔSB. Using primer set PCR/MLP1 (SEQ ID NO: 14) and PCR/MLP3 (SEQ ID NO: 16) a 210 bp fragment containing the Ad5-ITR, flanked by a synthetic SalI restriction site was amplified using pMLP10 DNA as the template. The PCR product was digested with the enzymes EcoRI and SgrAI to generate a 196 bp. fragment. Plasmid pMLP10ΔSB was digested with EcoRI and SgrAI to remove the ITR. This fragment was replaced by the EcoRI-SgrAI-treated PCR fragment to generate pMLP/SAL. Plasmid pCMV-Luc was digested with PvuII to completion and recirculated to remove the SV40-derived poly-adenylation signal and Ad5 sequences with exception of the Ad5 left-terminus. In the resulting plasmid, pCMV-lucΔAd, the Ad5 ITR was replaced by the Sal-site-flanked ITR from plasmid pMLP/SAL by exchanging the XmnI-SacII fragments. The resulting plasmid, pCMV-lucΔAd/SAL, the Ad5 left terminus and the CMV-driven luciferase gene were isolated as an SalI-SmaI fragment and inserted in the SalI and HpaI digested plasmid pBLCATS, to form plasmid pICL. Plasmid pICL is represented in FIG. 19; its sequence is presented in the sequence listing (SEQ ID NO: 21).